

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re application of : **Confirmation No.**

Maria DE FATIMA TEIXEIRA : Attorney Docket No. 2005\_1567A  
CARDOSO DA SILVA et al.

Serial No. 10/552,457

Filed October 7, 2005

METHOD FOR IMMOBILISING  
MICROORGANISMS, RELATED  
MATERIAL, AND USE THEREOF

THE COMMISSIONER IS AUTHORIZED  
TO CHARGE ANY DEFICIENCY IN THE  
FEES FOR THIS PAPER TO DEPOSIT  
ACCOUNT NO. 23-0975

**INFORMATION DISCLOSURE STATEMENT**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

Sir:

Pursuant to the provisions of 37 CFR 1.56, 1.97 and 1.98, Applicants request consideration of the references listed on attached form PTO-1449 and any additional information identified below in paragraph 3. A legible copy of each reference listed on the Form PTO-1449 is enclosed, except a copy is not provided for:

- ☐ each U.S. Patent and U.S. Patent application publication;
- ☐ each reference previously cited in the international application  
PCT/\_\_\_\_\_; and/or
- ☐ each reference previously cited in prior parent application Serial No.  
\_\_\_\_\_.

1a. [X] This Information Disclosure Statement is submitted:

within three months of the filing date (or of entry into the National Stage) of the above-entitled application, **or**

before the mailing of a first Office Action on the merits or the mailing of a first Office Action after the filing of an RCE,

**and thus no certification and/or fee is required.**

1b. ☐ This Information Disclosure Statement is submitted

after the events of above paragraph 1a and prior to the mailing date of a final Office Action or a Notice of Allowance or an action which otherwise closes prosecution in the application, and thus:

(1) ☐ the certification of paragraph 2 below is provided, **or**

(2) ☐ the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.

1c. ☐ This Information Disclosure Statement is submitted:

after the mailing date of a final Office Action or Notice of Allowance or action which otherwise closes prosecution in the application, and prior to payment of the issue fee, and thus:

**the certification of paragraph 2 below is provided, and**

**the fee of \$180.00 specified in 37 CFR 1.17(p) is enclosed.**

2. It is hereby certified


- a. ☐ that each item of information contained in this Information Disclosure Statement was first cited in any communication from a foreign patent office in a counterpart foreign application not more than three months prior to the filing of the Statement, or
- b. ☐ that no item of information contained in the Information Disclosure Statement was cited in a communication from a foreign patent office in a counterpart foreign application and, to the knowledge of the person signing the certification after making reasonable inquiry, was known to any individual designated in §1.56(c) more than three months prior to the filing of the Statement.

3. ☐ Consideration of the following list of additional information (including any copending or abandoned U.S. application, prior uses and/or sales, etc.) is requested.
4. For each non-English language reference listed on the attached form PTO-1449, reference is made to:
- a. ☐ a full or partial English language translation submitted herewith,
  - b. ☒ an International Search Report (in the English language) originally submitted on October 7, 2005, and
  - c. ☐ the concise explanation contained in the specification of the present application at page,
  - d. ☒ the concise explanation set forth in the attached English language abstract,
  - e. ☐ the concise explanation set forth below or on a separate sheet attached to the reference:
5. ☒ An International Search Report citing one or more of the references was originally submitted on October 7, 2005.
6. ☐ Statement Under 37 CFR 1.704(d)

Each item of information contained in the Information Disclosure Statement was first cited in any communication from a foreign Patent Office in a counterpart application, and this communication was not received by any individual designated in §1.56(c) more than thirty days prior to the filing of the Information Disclosure Statement.

Respectfully submitted,

Maria DE FATIMA TEIXEIRA CARDOSO  
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## INFORMATION DISCLOSURE STATEMENT

FORM PTO 1449 ( modified )

U.S. DEPARTMENT OF COMMERCE  
PATENT AND TRADEMARK OFFICELIST OF REFERENCES CITED BY APPLICANT(S)  
(Use several sheets if necessary )

Date Submitted to PTO: January 9, 2006

ATTY DOCKET NO.  
2005\_1567ASERIAL NO.  
10/552,457APPLICANT  
Maria DE FATIMA TEIXEIRA CARDOSO DA SILVA et al.FILING DATE  
October 7, 2005

GROUP

## U.S. PATENT DOCUMENTS

*EXAMINER INITIAL		DOCUMENT NUMBER	DATE	NAME	CLASS	SUBCLASS	FILING DATE IF APPROPRIATE
	AA						
	AB						
	AC						
	AD						
	AE						
	AF						
	AG						
	AH						
	AI						

## FOREIGN PATENT DOCUMENTS

		DOCUMENT NUMBER	DATE	COUNTRY	CLASS	SUBCLASS	TRANSLATION YES NO
	AJ	92/14544	09/1992	WO			Abstract
	AK	2812655	02/2002	FR			Abstract
	AL	2519022	07/1983	FR			Abstract
	AM	0350374	01/1990	EP			Abstract
	AN	0578617	01/1994	EP			

## OTHER DOCUMENT(S) (Including Author, Title, Date, Pertinent Pages, Etc.)

	AO	Koki Yokotsuka et al., "Controlled Simultaneous Deacidification and Alcohol Fermentation of a High-Acid Grape Must Using Two Immobilized Yeasts, Schizosaccharomyces pombe and Saccharomyces cerevisiae", American Journal of Enology and Viticulture, vol. 44, no. 4, 1993, pages 371-377.
	AP	Charles Divies et al., "Theme 4: Immobilized Cell Technology in Wine Production" Critical Reviews in Biotechnology, vol. 14, no. 2, 1994, pages 135-153.
	AQ	

EXAMINER

DATE CONSIDERED